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29 May 1958

MEMORANDUM FOR THE RECORD

SUBJECT: High Altitude Power Balloon

REFERENCE: Memorandum for AC/TSS/R&D dated 29 April 1958, from
C/TSS/Engineering Division

1. On 21 May the undersigned visited [] of OSI for the purpose of discussing possible applications of a high altitude power balloon in fields of interest to OSI. After a brief discussion Mr. [] to join the discussion. The memorandum referenced above was shown to each and discussed and after considerable discussion the following possible uses for such an item were presented as probably worthy of further consideration:

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- (a) satellite research vehicle tracking
- (b) Elint platform
- (c) infra-red scanning antenna combined with flame spectragraphy for missile tracking

2. [] mentioned an infra-red antenna under development by the Army at White Sands that might advantageously be operated at altitudes under consideration for the powered balloon.

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3. It was suggested that the idea of the powered balloon be taken up directly with Mr. Bissell's Staff.

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File: Balloon, Pers'l Powered

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